

Science/Math Education Newsletter

BIOLOGY

CHEMISTRY

MATH

PHYSICS

PHYSICAL SCIENCE

TEACHER EDUCATION

CONGRATULATIONS SUMMER 2018 GRADUATES



Jenn Dillinger - Scottsbluff, Nebraska (BIOL)
 Ryan Fedewa - Lincolnshire, Illinois (BIOL)
 Ashley Finck - S. Sioux City, Nebraska (BIOL)
 Aaron Foster - Highland, Illinois (BIOL)
 Ashley Hamik - Omaha, Nebraska (CHEM)
 Jeremy Reimers - Dalton, Nebraska (CHEM)
 Curtis Taylor - Old Harbor, Alaska (BIOL)
 Nick Wilcox - Schuyler, Nebraska (BIOL)

Ashley Hamik is pictured with her husband Jeff (MS 12') after the ceremony in July.

NEW THIS SEMESTER IN CANVAS

An **Organization Group** was created in Canvas for students in the program to utilize. The goal is to promote an online community for students to network and build professional relationships with other students in the program outside of courses.

The group has been created in Canvas. You will receive an email invitation sent to your Lopermail.

Action step: **Accept the invitation in your Lopermail.**



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ADVISING TIPS

- Plan out courses in **math, physics/physical science and curriculum course** as these courses are primarily offered during the summer semester.
- **PHYS 810P Math Techniques in Physics** (spring 2019) is recommended for students with **(PHYS)** major emphasis and with **(MATH)** major emphasis for supporting coursework.
- Research class (**TE 800**), pedagogy class (**TE 804 or TE 886**), other courses from Teacher Education and **numerous Biology courses** will be offered every semester.
- At least three credit hours in chemistry will be offered every semester.
- These courses tend to fill up fast, **BIOL 838, BIOL 839, BIOL 845, BIOL 857, BIOL 858, TE 800**
- **TE 800 Educational Research** is recommended to be taken during the fall or spring semesters.
- **Early Registration** for fall classes: **October 22nd - November 9th**
- Open registration for all **students not enrolled** in fall classes: **November 12th**

UPCOMING DEADLINES

August 29th: E-Bill will be sent to student's Lopermail account

September 15th: Last day to apply for fall graduation

September 20th: Tuition and fees due for fall classes

September 20th-26th: Written Comps

October 22nd: Early Registration for spring 2019

November 5th-9th: Oral Comps

November 12: General registration for spring 2019

December 14th: Winter Commencement Ceremony @ 10:00 a.m.

January 7th: Spring semester begins



Louie the Loper, school mascot

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SMED 888 CAPSTONE COURSE

Prerequisite: Completion of TE 800 Educational Research and at least 24 hours of the Science/Math Education degree program (including 6 or more in the Major Emphasis category).

This course is designed to culminate the student's experience in the Science/Math Education program which is **offered during the fall and spring semesters**. Students will complete the **comprehensive exam and a capstone project** which integrates educational research, curriculum design, science/math content application, and assessment. Based on a literature evaluation of a specific concept or problem in science/math teaching, the student will develop a new curricular unit, or redesign an existing one, to be implemented in a high school or middle school science/math course that the student is teaching that semester. This unit must apply science/math content from their degree program courses and the student must assess the impact of the new/revised unit on student learning.

PRESTIGIOUS UNIVERSITY AWARD



Chris Exstrom, a professor of chemistry, and director of the Science/Math Education program received the Pratt-Heins Foundation Service Award on August 17th, 2018 during Faculty/Staff Convocation. Selection for the award is based on evidence of consistent outstanding service to UNK students, the university and to education and peer evaluations.

Dr. Exstrom has been at UNK for 22 years and is currently the Ron and Carol Cope Professor of Chemistry. He has served as department chair 2000-2006 and has served as the director of the Science/Math Education Program since 2012. He has received several honors and awards during his time at UNK, including the Undergraduate Research Faculty Mentor of the Year Award, Pratt-Heins Award for Scholarship and Research and Leland Holdt/Security Mutual Life Distinguished Faculty Award.

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UPCOMING CONFERENCES



2018 NATS/NATM Conference
September 20-22, 2018
Younes Conference Center
Kearney, Nebraska



Check either website for registration information about this joint conference which will feature top-notch presenters and to learn about new science and math opportunities.

Nebraska Association of Teacher of Mathematics (<http://www.natmathematics.org>)

Nebraska Association of Teacher of Science (<https://nebraskaacademyofsciences.wildapri-cot.org/NATSFC>)

Nebraska Fall Ed Tech Conference
November 2nd, 2018
Younes Conference Center
Kearney, Nebraska



For registration information, visit their website <http://www.fall.netasite.org/>

If you are attending either of these conferences, stop by our UNK vendor booth so we can meet you in person.

SHARE YOUR EXPERIENCE

Like us on Facebook and share your experience. We are grateful that you chose UNK to continue your education and to have been apart of your journey achieving your professional goals.



University of Nebraska at Kearney

